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INITOT	INFORMATION DISCLOSURE				Application Number	10/591,962 (Natl. Phase of PCT/GB2005/000907)	
					Intl. Filing Date	March 9, 2005	
STAI	STATEMENT BY APPLICANT (Use as many sheets as necessary)				First Named Inventor	PATRICK, Guy Michael	
					Art Unit	To Be Assigned	
					Examiner Name	To Be Assigned	
Sheet	1	of	3		Attorney Docket Number	2451.0130000/BJD/GER	

			U.S. PATENT DO	OCUMENTS	
	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,
Initials*	No.1	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
	US1	2,934,556	04/26/1960	Hoffmann et al.	
	US2	4,499,082	02/12/1985	Shenvi et al.	
· · ·	US3	4,701,545	10/20/1987	Matteson et al.	
	US4	4,927,809	05/22/1990	Stüber	
· . -	US5	4,935,493	06/19/1990	Bachovchin et al.	
	US6	4,963,655	10/16/1990	Kinder et al.	
	US7	5,169,841	12/08/1992	Kleeman et al.	
	US8	5,187,157	02/16/1993	Kettner et al.	
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	US10	5,462,964	10/31/1995	Fevig et al.	
	US11	5,563,127	10/08/1996	Amparo et al.	
	US12	5,574,014	11/12/1996	Claeson et al.	
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·	US14	5,596,123	01/21/1997	Elgendy et al.	
	US15	5,639,739	06/17/1997	Dominguez et al.	
	US16	5,658,885	08/19/1997	Lee et al.	
	US17	5,681,978	10/28/1997	Matteson et al.	
<u>. </u>	US18	5,731,439	03/24/1998	Carini et al.	
	US19	5,780,454	06/14/1998	Adams et al.	
	US20	5,814,622	09/29/1998	de Nanteuil et al.	

<u></u>		Fo	REIGN PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			T ⁶
	FP1	WO 89/09612 A1	10/19/1989	Corvas, Inc.	
	FP2	EP 0 471 651 A2	02/19/1992	Sandoz Ltd.; Sandoz-Patent-GmbH; Sandoz- Erfindungen Verwaltungsgeselischaf m.b.H.	
	FP3	WO 92/07869 A1	05/14/1992	Thrombosis Res. Institute; Kakkar et al.	
	FP4	EP 0 599 633 A1	06/01/1994	Thrombosis Research Institute	
ins ero	FP5	WO 94/21668 A1	09/29/1994	The Du Point Merck Pharmaceutical Co.	
 -	FP6	WO 94/21650 A1	09/29/1994	The Du Point Merck Pharmaceutical Co.	
	FP7	WO 94/25049 A1	11/10/1994	The Du Point Merck Pharmaceutical Co.	
, <u>-</u> u	FP8	WO 95/09858 A1	04/13/1995	The Du Point Merck Pharmaceutical Co.	
	FP9	WO 95/09859 A1	04/13/1995	The Du Point Merck Pharmaceutical Co.	

Examiner	Date	
Signature	Considered	

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STATI			APPLICANT	First Named Inventor	PATRICK, Guy Michael		
(Use as many sheets as necessary)			eets as necessary)	Art Unit	To Be Assigned		
				Examiner Name	To Be Assigned		
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			U.S. PATENT DO	CUMENTS		
Examiner Initials	Cite No. ¹	Document Number Number-Kind Code ^{2 (ff Known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, I Where Relevant Pa or Relevant Figures	ssages
	US20	6,066,730	05/23/2000	Adams et al.		
_ 	US21	6,083,903	07/04/2000	Adams et al.		<u>-</u>
<u></u>	US22	6,114,308	09/05/2000	Claeson et al.		
	US24	6,297,217 B1	10/02/2001	Adams et al.		
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·			FOREIGN PATENT I	OCUMENTS		
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	FP10	WO 95/09634 A1	04/13/1995	The Du Point Merck Pharma	aceutical Co.	
· 	FP11	WO 96/12499 A1	02/05/1996	The Du Point Merck Pharma		,
-	FP12	WO 96/13266 A1	05/09/1996	Proscript, Inc.		
· · · · · · · · · · · · · · · · · · ·		WO 96/20689 A2	07/11/1996	The Du Point Merck Pharma	aceutical Co	
	FP13		02/13/1997	Sandoz-Patent-GmbH; Sand		
	FP14	WO 97/05161 A1	02/13/1997	Verwaltungsgesellschaft Mb	h; Wienand, A.	
	FP15	WO 98/00443 A1	01/08/1998	Thrombosis Research Institu	ite; Deadman et	
	FP16	WO 98/31688 A1	07/23/1998	Adir et Compagnie; Cordi et	t al.	Abs
	FP17	WO 99/26652 A1	06/03/1999	Danbiosyst UK Ltd.; Watts		

		
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Signature	Considered	

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SIAI	STATEMENT BY APPLICANT			First Named Inventor	PATRICK, Guy Michael	
(Use as many sheets as necessary)			ets as necessary)	Art Unit	To Be Assigned	
				Examiner Name	To Be Assigned	
Sheet	3	of	3	Attorney Docket Number	2451.0130000/BJD/GER	

·			U.S. PATENT DO	CUMENTS			
Examiner Initials	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Pages, Columns Applicant of Cited Document Where Relevant			
		Number-Kind Code ^{2 (ff Known)}			or Relevant Figures	Appea	
	US42	2006/0229257 A1	10/12/2006	Deadman et al.		.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY			T	
M	FP18	WO 00/41715 A1	06/20/2000	Astranzeneca Ab, Frager G.			
		WO 00/35904 A1	06/22/2000	Northwestern Univ., Univers	•		
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	FP20	WO 00/35905 A1	06/22/2000	Northwestern Univ., University Di Modena E Reggio Emilia	_		
	FP21	WO 01/02424 A2	01/11/2001	The Du Point Merck Pharma			
	FP22	WO 01/41796 A1	06/14/2001	Astrazeneca Ab; Mattsson, (
 	FP23	WO 02/36157 A1	05/10/2002	Astrazeneca Ab; Gustafsson	, D.		
7.	FP24	WO 02/059130 A1	08/01/2002	The United States of Americ Dept. of Health and Human			
	FP25	WO 02/059131 A1	08/01/2002	Milennium Pharmac, Inc.; P.			
	FP26	WO 2004/022070 A1	03/18/2004	Trigen Ltd.			
· <u>-</u>	FP27	WO 2004/022071 A1	03/18/2004	Trigen Ltd.			
	FP28	WO 2004/022072 A1	03/18/2004	Trigen Ltd.			
	FP29	EP 1 466 916 A1	10/13/2004	Trigen Ltd.			
	FP30	EP 1 466 917 A1	10/13/2004	Trigen Ltd.			
	FP31	WO 2005/084686 A2	09/15/2005	Trigen Ltd., Combe-Marzell	le et al.		
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	NPL1	Bastin, R.J., et al., Pharmaceutical New	, "Salt Selection and		1	
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	NPL8	(1993) Claeson, G., et al., "Novel peptide mimetics as highly efficient inhibitors of thrombin based on modified D-Phe-Pro-Arg sequences," in <i>Peptide, Chemistry</i>				
	NPL9					

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STATEMENT BY APPLICANT				Intl. Filing Date	March 9, 2005	
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(Use as many sheets as necessary)		Art Unit	To Be Assigned			
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		NON PATENT LITERATURE DOCUMENTS	
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	NPL10	Claeson, G., et al., "New Peptide Boronic Acid Inhibitor of Thrombin," Thromb. Haemost. 65:1289, Schattauer (1991)	
<u></u>	NPL11	Coburn, C.A., "Small-molecule direct thrombin inhibitors: 1997-2000," Exp. Opin. Ther. Patents 11:721-738, Ashley Publications Ltd. (2001)	
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	NPL17	Elgendy, S., et al., "Facile Routes to 1-Halo-1-Alkyl Boronic Esters as Precursors for Novel Thrombin Inhibitors," <i>Tetrahedron 50</i> :3803-3812, Elsevier Science Ltd. (1994)	
	NPL18	Elgendy, S., et al., "New Peptide Boronic Acid Inhibitors of Thrombin," Tetrahedron Lett. 33:4209-4212, Pregamon Press Ltd. (1992)	

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Signature	Considered

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		NON PATE	NT LITERATURE DO	CUMENTS	3		
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	NPL19	Elgendy, S., et al., 'Ne' Design of Synthetic Inh Press, New York, NY p	ibitors of Thrombin,		ors of Thrombin," in <i>The</i> on, <i>et al.</i> , eds., Plenum		
	NPL20		application of peptide	e boronate	onal thrombin inhibitors, es in solid phase chemistry," (1997)		
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Examiner Signature			Date Consi	dered			

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Substitute for form 1449/PTO			Complete if Known				
			Application No.	10/591,962			
WEOD!	447101	DICCI OCUDE	Application Number	(Natl. Phase of PCT/GB2005/00090	7)		
		DISCLOSURE	Intl. Filing Date	March 9, 2005			
STATE		Y APPLICANT	First Named Inventor PATRICK, Guy Michael				
	(Use as man	y sheets as necessary)	Art Unit	To Be Assigned			
			Examiner Name	To Be Assigned			
Sheet	4	of 8	Attorney Docket Number	r 2451.0130000/BJD/GER			
		Non Pat	FENT LITERATURE DOCUM	MENTS			
Examiner	Cite	Include name of the autho	r (in CAPITAL LETTERS), title	of the article (when appropriate), title of			
Initials*	No.1	the item (book, magazine,	, journal, serial, symposium, cata publisher, city and/or country w	log, etc.), date, page(s), volume number, here published	T ²		
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	Signature	Considered	

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Substitute for	r form 1449/I	PTO		Complete if Known		
			Application Number	10/591,962		
INFORM	AATION	DISCLOSURE	Application (vulloci	(Natl. Phase of PCT/GB2005/00090)7)	
			Intl. Filing Date	March 9, 2005		
SIAIE		SYAPPLICANT	First Named Inventor PATRICK, Guy Michael			
	(Use as man	y sheets as necessary)	Art Unit	To Be Assigned		
			Examiner Name	To Be Assigned		
Sheet	5	of 8	Attorney Docket Number	2451.0130000/BJD/GER		
		NON PATENT	LITERATURE DOCUM	ENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in the item (book, magazine, jour	CAPITAL LETTERS), title of	of the article (when appropriate), title of og, etc.), date, page(s), volume number,	T ²	
	NPL36	Matteson, D.S., "α-Halo E Synthesis," Chem. Rev. 89				
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	NPL41		tate Analogs,"in The De	ants for the Inhibition of esign of Synthetic Inhibitors of New York, NY pp. 67-77		
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Examiner Signature			Date Considered			

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Substitute for form 1449/PTO				Complete if Known		
INFORMATION DISCLOSURE				Application Number	10/591,962 (Natl. Phase of PCT/GB2005/000907)	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Intl. Filing Date	March 9, 2005	
			PLICANT	First Named Inventor	PATRICK, Guy Michael	
(Use as many sheets as necessary)		Art Unit	To Be Assigned			
				Examiner Name	To Be Assigned	
Sheet	6	of	8	Attorney Docket Number	2451.0130000/BJD/GER	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL46	Skordalakes, E., et al., "Bifunctional Peptide Boronate Inhibitors of Thrombin: Crystallographic Analysis of Inhibition Enhanced by Linkage to an Exosite 1 Binding Peptide," Biochem. 37:14420-14427, American Chemical Society (1998)	
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	NPL53	Tapparelli, C., et al., "Synthetic low-molecular weight thrombin inhibitors: molecular design and pharmacological profile," <i>Trends Pharmacol. Sci.</i> 14:366-375, Elsevier Science Publishers Ltd. (1993)	
	NPL54	Trigen Limited, "Looking for a career in Biotechnology," poster exhibited at the XVIITH International Symposium on Medicinal Chemistry, Barcelona, Spain, September 5, 2002	

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Examiner	Date
Signature	Considered

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				Application Number	10/591,962 (Natl. Phase of PCT/GB2005/00090	07)
l .	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet 7 of 8			Intl. Filing Date	March 9, 2005	
STATE				First Named Invento	PATRICK, Guy Michael	
				Art Unit	To Be Assigned	
				Examiner Name	To Be Assigned	
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			NON PAT	ENT LITERATURE DO	CUMENTS	
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	NPL63			August 9, 2007 in Uni A., <i>et al</i> ., filed Septemb	ted States Patent Application No. oer 9, 2004	

Examiner	Date	
Signature	Considered	

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				First Named Inventor	PATRICK, Guy Michael
				Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	8	of	8	Attorney Docket Number	2451.0130000/BJD/GER

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	NPL64	Office Action mailed February 5, 2007 in United States Patent Application No. 10/659,178, Madge, D.J., et al., filed September 9, 2003				
	NPL65	Office Action mailed May 23, 2007 in United States Patent Application No. 10/659,178, Madge, D.J., et al., filed September 9, 2003				
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	NPL67	Office Action mailed January 25, 2007 in United States Patent Application No. 10/658,971, Madge, D.J., et al., filed September 9, 2003				
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